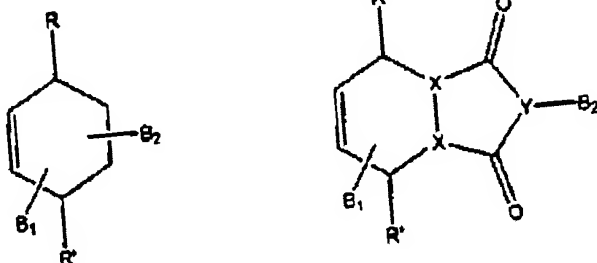


Amendments to the Claims

Claims 1-15 (canceled).

Claim 16 (original): A conjugate of biomolecules selected from the group consisting of



wherein R and R' are independently H or methyl, or together constitute CH₂, CH₂CH₂, or O; X is CH or N; Y is N, CH=C, or NH-N; and B₁ and B₂ comprise biomolecules independently selected from the group consisting of polypeptides, carbohydrates, polysaccharides, and nucleic acids, and are optionally attached via a linker.

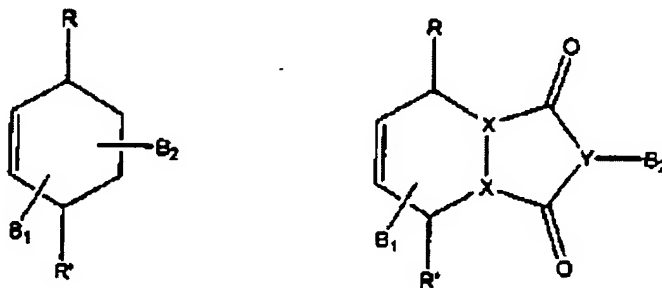
Claim 17 (original): The conjugate of biomolecules according to claim 16, wherein one of the biomolecules is a polysaccharide.

Claim 18 (original): The conjugate of biomolecules according to claim 17, wherein the polysaccharide is a viral or bacterial polysaccharide.

Claim 19 (original): The conjugate of biomolecules according to claim 16, wherein one of the biomolecules is a polysaccharide and the other biomolecule is a polypeptide.

Claim 20 (original): The conjugate of biomolecules according to claim 19, wherein the polysaccharide is a viral or bacterial polysaccharide.

Claim 21 (original): An immobilized biomolecule selected from the group consisting of



wherein R and R' are independently H or methyl, or together constitute CH₂, CH₂CH₂, or O; X is CH or N; Y is N, CH=C, or NH-N; one of B₁ and B₂ comprises a biomolecule selected from the group consisting of polypeptides, carbohydrates, polysaccharides, and nucleic acids and the other of B₁ and B₂ is a solid or gel support, and B₁ and B₂ are optionally attached via a linker.

Claim 22 (currently amended): A pharmaceutical composition comprising a conjugate according to ~~any one of claims 10, 11, or 16-20~~ claim 16, further comprising a pharmaceutically acceptable carrier.

Claims 23-26 (canceled).

Claim 27 (original): A method of inducing, in a mammal, antibodies which immunoreact with a polysaccharide, comprising administering to said mammal a composition according to claim 22, wherein one of the biomolecules is a polysaccharide.

Claims 28-31 (canceled).

Claim 32 (original): An antibody which immunoreacts with a polysaccharide, wherein said antibody is obtained from a mammal, and wherein the production of the antibody by the mammal has been induced by the method of claim 27.

Claims 33-36 (canceled).

Claim 37 (original): An antibody, produced by a hybridoma, which immunoreacts with a polysaccharide, wherein nucleic acid sequences encoding said antibody in said hybridoma are obtained from a mammal in which the production of the antibody has been induced by the method of claim 27.

Claims 38-41 (canceled).

Claim 42 (original): A method of inducing passive immunity in a mammal, comprising administering to said mammal an effective amount of an antibody according to claim 32.

Claim 43 (original): A method of inducing passive immunity in a mammal, comprising administering to said mammal an effective amount of an antibody according to claim 37.

Claims 44-47 (canceled).

Claim 48 (new): A method of inducing, in a mammal, antibodies which immunoreact with a polysaccharide, comprising administering to said mammal a composition comprising a pharmaceutically acceptable carrier and a conjugate of biomolecules prepared by

(a) covalently attaching a diene moiety to a first biomolecule to form a diene component;
(b) covalently attaching a dienophile to a second biomolecule to form a dienophile component; and

(c) contacting the diene component with the dienophile component under conditions that permit a cycloaddition reaction to occur between the components.

Claim 49 (new): A method according to claim 48, wherein the first biomolecule is a polysaccharide and the second biomolecule is a polypeptide.

Claim 50 (new): An antibody which immunoreacts with a polysaccharide, wherein said antibody is obtained from a mammal, and wherein the production of the antibody by the mammal has been induced by the method of claim 48.

Claim 51 (new): An antibody which immunoreacts with a polysaccharide, wherein said antibody is obtained from a mammal, and wherein the production of the antibody by the mammal has been induced by the method of claim 49.

Claim 52 (new): An antibody, produced by a hybridoma, which immunoreacts with a polysaccharide, wherein nucleic acid sequences encoding said antibody in said hybridoma are obtained from a mammal in which the production of the antibody has been induced by the method of claim 48.

Claim 53 (new): An antibody, produced by a hybridoma, which immunoreacts with a polysaccharide, wherein nucleic acid sequences encoding said antibody in said hybridoma are obtained from a mammal in which the production of the antibody has been induced by the method of claim 49.